



IFWO

RAW SEQUENCE LISTING

DATE: 08/09/2004

PATENT APPLICATION: US/10/688,676A

TIME: 10:40:55

Input Set : A:\pto.yf.txt

Output Set: N:\CRF4\08092004\J688676A.raw

3 <110> APPLICANT: Alcon, Inc.
 4 Yanni, John M.
 5 Gamache, Daniel A.
 6 Miller, Steven T.
 8 <120> TITLE OF INVENTION: Treatment of Dry Eye in Postmenopausal Women by
 Restoring 15-lipoxygenase

9 Activity to Ocular Surface Cells

11 <130> FILE REFERENCE: 2394 US

13 <140> CURRENT APPLICATION NUMBER: 10/688,676A

14 <141> CURRENT FILING DATE: 2003-10-17

16 <150> PRIOR APPLICATION NUMBER: US 60/435,988

17 <151> PRIOR FILING DATE: 2002-12-20

19 <160> NUMBER OF SEQ ID NOS: 10

21 <170> SOFTWARE: PatentIn version 3.1

23 <210> SEQ ID NO: 1

24 <211> LENGTH: 2671

25 <212> TYPE: DNA

26 <213> ORGANISM: homo sapiens

28 <400> SEQUENCE: 1

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132 20 25 30
135 Ala Ala Leu Gly Lys Arg Leu Trp Pro Ala Arg Gly Glu Thr Glu Leu
136 35 40 45
139 Lys Val Glu Val Pro Glu Tyr Leu Gly Pro Leu Leu Phe Val Lys Leu
140 50 55 60
143 Arg Lys Arg His Leu Leu Lys Asp Asp Ala Trp Phe Cys Asn Trp Ile
144 65 70 75 80
147 Ser Val Gln Gly Pro Gly Ala Gly Asp Glu Val Arg Phe Pro Cys Tyr
148 85 90 95
151 Arg Trp Val Glu Gly Asn Gly Val Leu Ser Leu Pro Glu Gly Thr Gly
152 100 105 110
155 Arg Thr Val Gly Glu Asp Pro Gln Gly Leu Phe Gln Lys His Arg Glu
156 115 120 125
159 Glu Glu Leu Glu Glu Arg Arg Lys Leu Tyr Arg Trp Gly Asn Trp Lys
160 130 135 140
163 Asp Gly Leu Ile Leu Asn Met Ala Gly Ala Lys Leu Tyr Asp Leu Pro
164 145 150 155 160
167 Val Asp Glu Arg Phe Leu Glu Asp Lys Arg Val Asp Phe Glu Val Ser
168 165 170 175
171 Leu Ala Lys Gly Leu Ala Asp Leu Ala Ile Lys Asp Ser Leu Asn Val
172 180 185 190

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183 Ala Leu Phe Gly Tyr Gln Phe Leu Asn Gly Ala Asn Pro Val Val Leu
184 225      230      235      240
187 Arg Arg Ser Ala His Leu Pro Ala Arg Leu Val Phe Pro Pro Gly Met
188      245      250      255
191 Glu Glu Leu Gln Ala Gln Leu Glu Lys Glu Leu Glu Gly Gly Thr Leu
192      260      265      270
195 Phe Glu Ala Asp Phe Ser Leu Leu Asp Gly Ile Lys Ala Asn Val Ile
196      275      280      285
199 Leu Cys Ser Gln Gln His Leu Ala Ala Pro Leu Val Met Leu Lys Leu
200      290      295      300
203 Gln Pro Asp Gly Lys Leu Leu Pro Met Val Ile Gln Leu Gln Leu Pro
204 305      310      315      320
207 Arg Thr Gly Ser Pro Pro Pro Pro Leu Phe Leu Pro Thr Asp Pro Pro
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212      340      345      350
215 Leu His Glu Leu Gln Ser His Leu Leu Arg Gly His Leu Met Ala Glu
216      355      360      365
219 Val Ile Val Val Ala Thr Met Arg Cys Leu Pro Ser Ile His Pro Ile
220      370      375      380
223 Phe Lys Leu Ile Ile Pro His Leu Arg Tyr Thr Leu Glu Ile Asn Val
224 385      390      395      400
227 Arg Ala Arg Thr Gly Leu Val Ser Asp Met Gly Ile Phe Asp Gln Ile
228      405      410      415
231 Met Ser Thr Gly Gly Gly Gly His Val Gln Leu Leu Lys Gln Ala Gly
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235 Ala Phe Leu Thr Tyr Ser Ser Phe Cys Pro Pro Asp Asp Leu Ala Asp
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239 Arg Gly Leu Leu Gly Val Lys Ser Ser Phe Tyr Ala Gln Asp Ala Leu
240      450      455      460
243 Arg Leu Trp Glu Ile Ile Tyr Arg Tyr Val Glu Gly Ile Val Ser Leu
244 465      470      475      480
247 His Tyr Lys Thr Asp Val Ala Val Lys Asp Asp Pro Glu Leu Gln Thr
248      485      490      495
251 Trp Cys Arg Glu Ile Thr Glu Ile Gly Leu Gln Gly Ala Gln Asp Arg
252      500      505      510
255 Gly Phe Pro Val Ser Leu Gln Ala Arg Asp Gln Val Cys His Phe Val
256      515      520      525
259 Thr Met Cys Ile Phe Thr Cys Thr Gly Gln His Ala Ser Val His Leu
260      530      535      540
263 Gly Gln Leu Asp Trp Tyr Ser Trp Val Pro Asn Ala Pro Cys Thr Met
264 545      550      555      560
267 Arg Leu Pro Pro Pro Thr Thr Lys Asp Ala Thr Leu Glu Thr Val Met
268      565      570      575
271 Ala Thr Leu Pro Asn Phe His Gln Ala Ser Leu Gln Met Ser Ile Thr

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280          610          615          620
283 Phe  Arg  Glu  Glu  Leu  Ala  Ala  Leu  Asp  Lys  Glu  Ile  Glu  Ile  Arg  Asn
284 625          630          635          640
287 Ala  Lys  Leu  Asp  Met  Pro  Tyr  Glu  Tyr  Leu  Arg  Pro  Ser  Val  Val  Glu
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413 <213> ORGANISM: homo sapiens

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430 50 55 60
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437 Met Ser Phe Arg Ser Asp Ala Trp Phe Cys Arg Trp Phe Glu Leu Glu
438 85 90 95
441 Trp Leu Pro Gly Ala Ala Leu His Phe Pro Cys Tyr Gln Trp Leu Glu
442 100 105 110
445 Gly Ala Gly Glu Leu Val Leu Arg Glu Gly Ala Ala Lys Val Ser Trp
446 115 120 125
449 Gln Asp His His Pro Thr Leu Gln Asp Gln Arg Gln Lys Glu Leu Glu
450 130 135 140
453 Ser Arg Gln Lys Met Tyr Ser Trp Lys Thr Tyr Ile Glu Gly Trp Pro
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VERIFICATION SUMMARY

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